

Supplemental Material

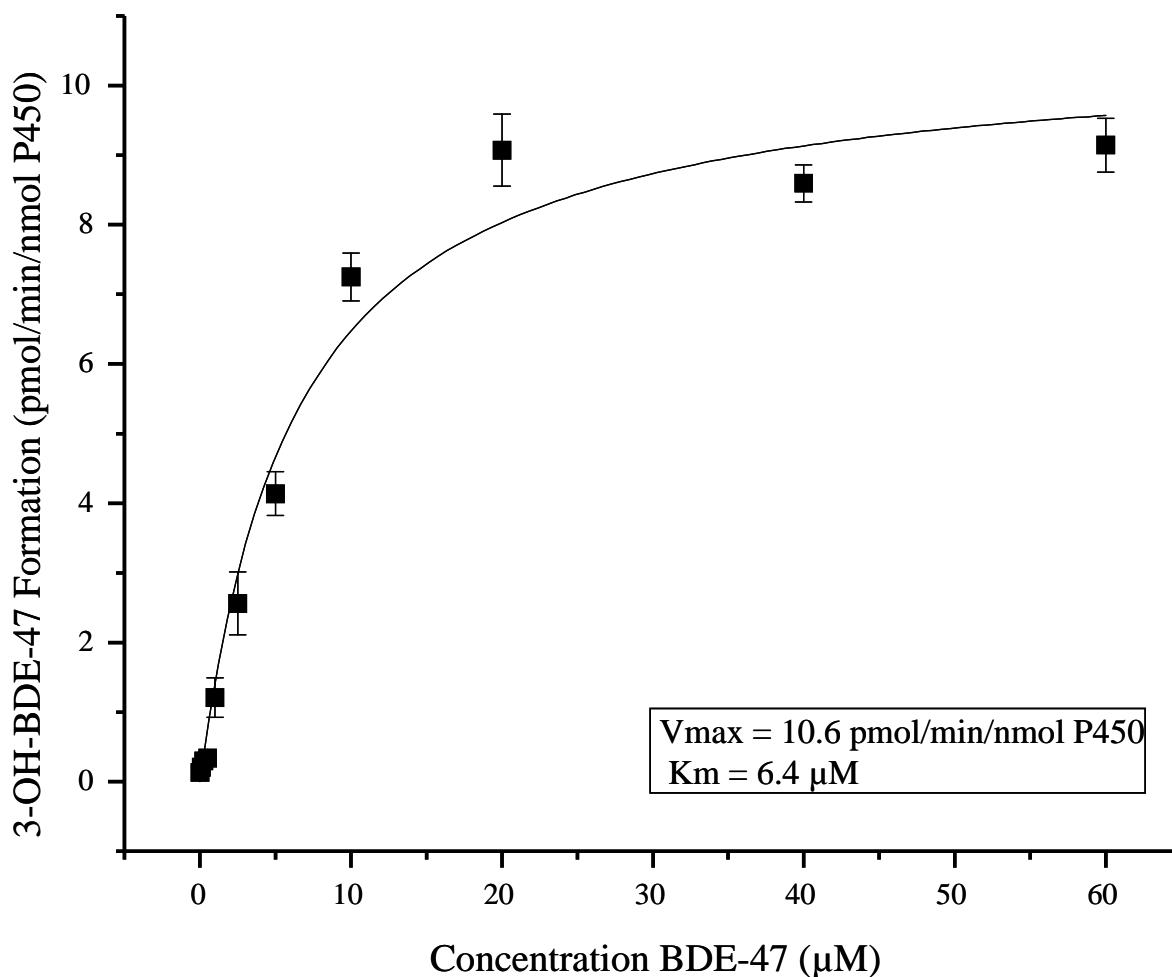
Biotransformation of BDE-47 to Potentially Toxic Metabolites Is Predominantly Mediated by Human CYP2B6

Maria Luisa Feo, Michael S. Gross, Barbara P. McGarrigle, Ethel Eljarrat, Damià Barceló,
Diana S. Aga and James R. Olson.

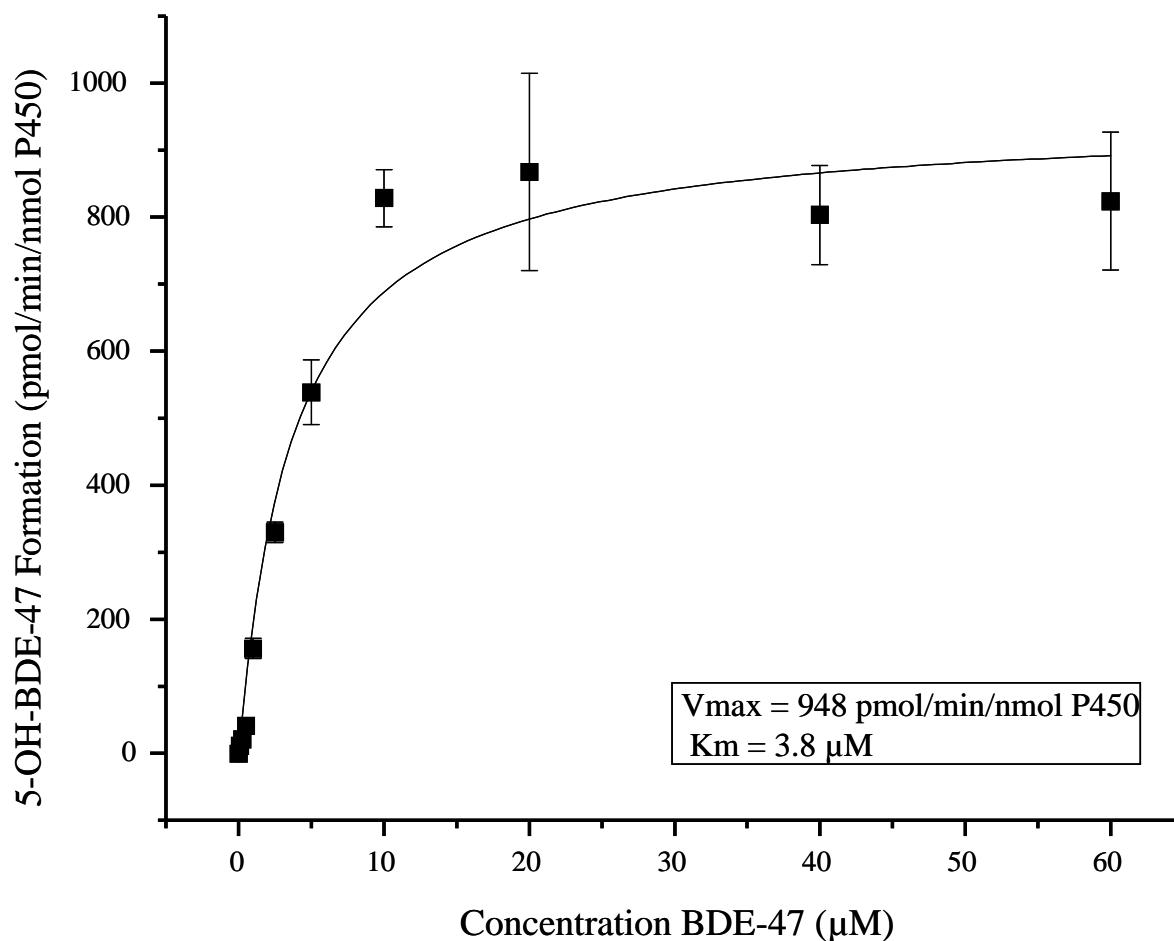
List of Figures

Figure S1-A. Formation of 3OH-BDE-47 using recombinant CYP2B6.....	2
Figure S1-B. Formation of 5-OH-BDE-47 using recombinant CYP2B6.....	3
Figure S1-C. Formation of 6-OH-BDE-47 using recombinant CYP2B6.....	4
Figure S2-A. Formation of 3OH-BDE-47 using human liver microsome.....	5
Figure S2-B. Formation of 5-OH-BDE-47 using human liver microsome.....	6
Figure S2-C. Formation of 6-OH-BDE-47 using human liver microsome.....	7

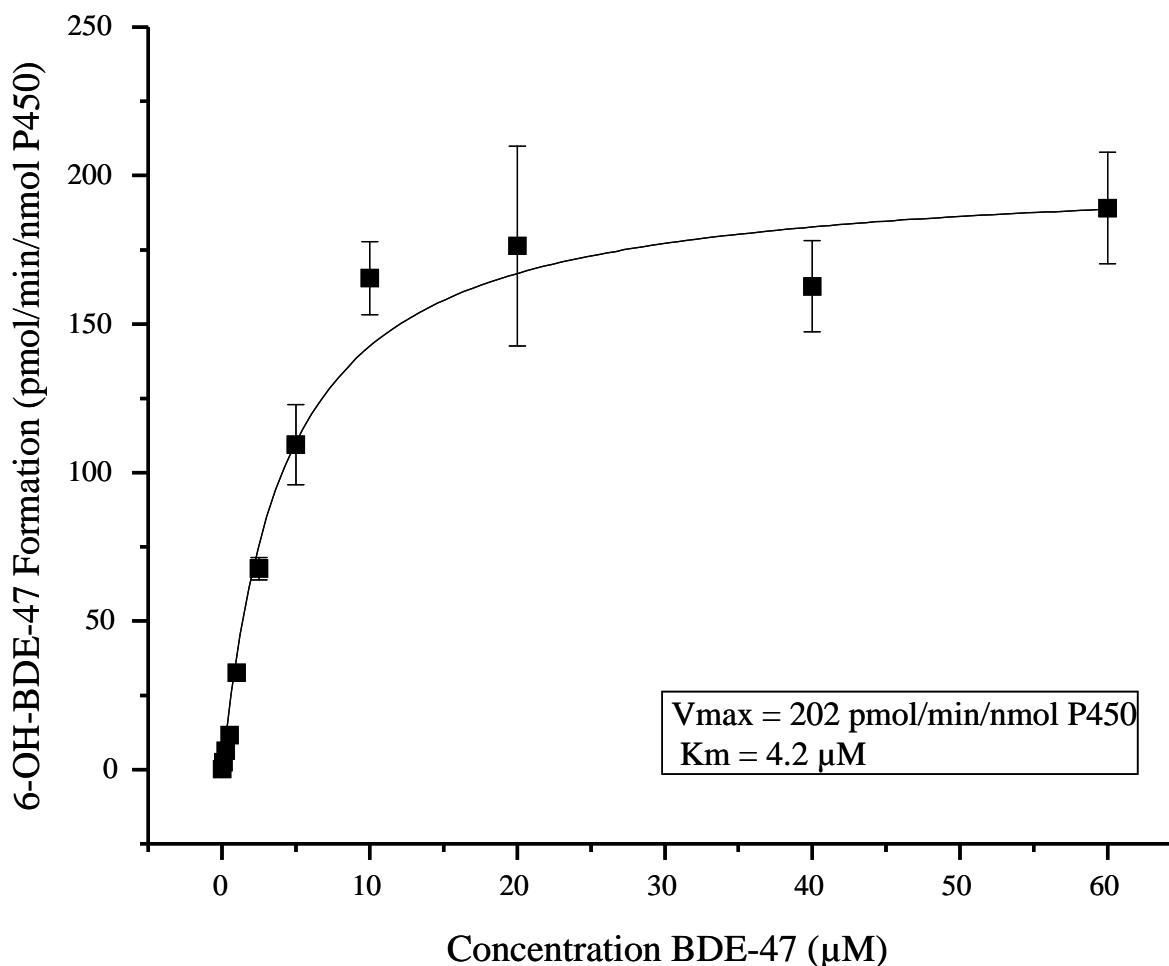
A)



B)

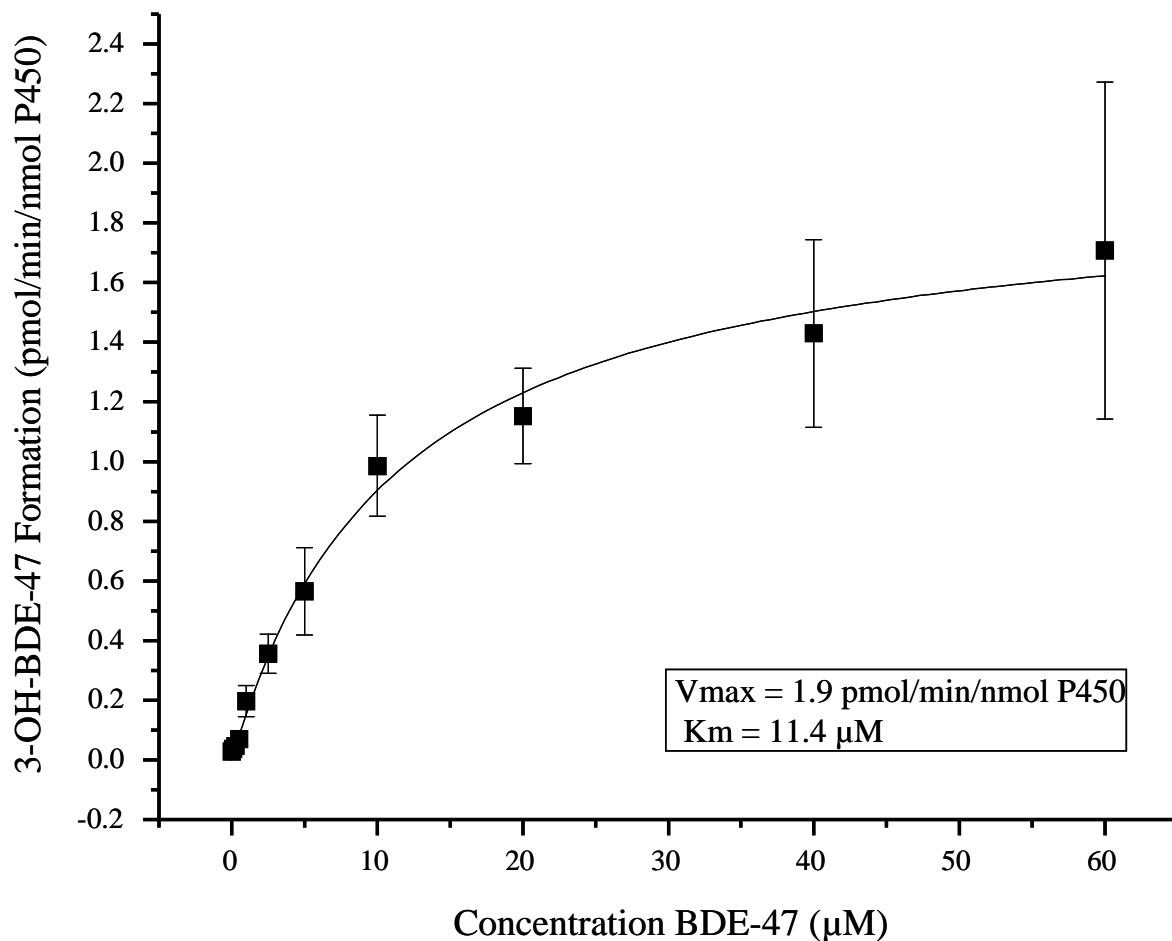


C)

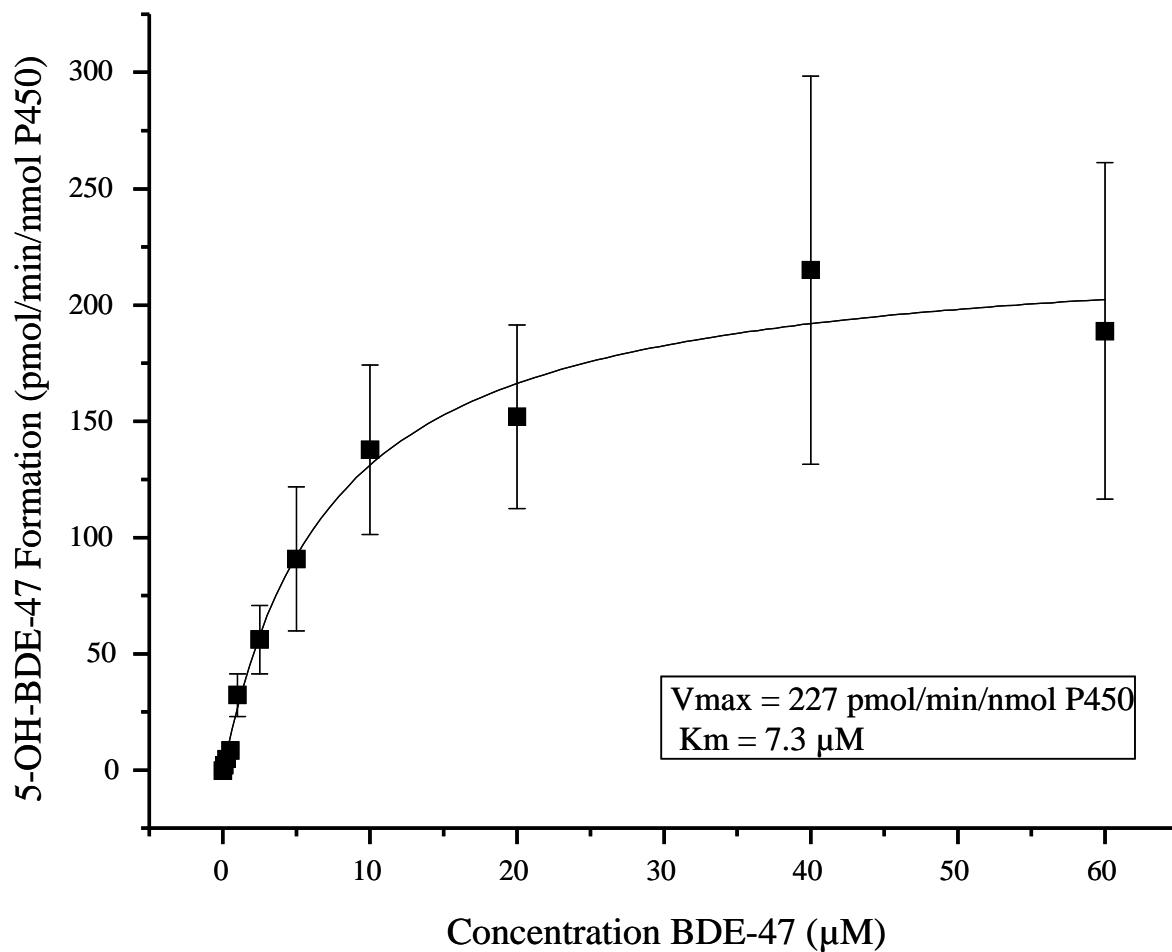


Supplemental Material, Figure S1. Formation of A) 3OH-BDE-47, B) 5-OH-BDE-47 and C) 6-OH-BDE-47 evaluated for over a range of substrate concentrations (0.1 to 60 μM) at an incubation time of 60 min using recombinant CYP2B6.

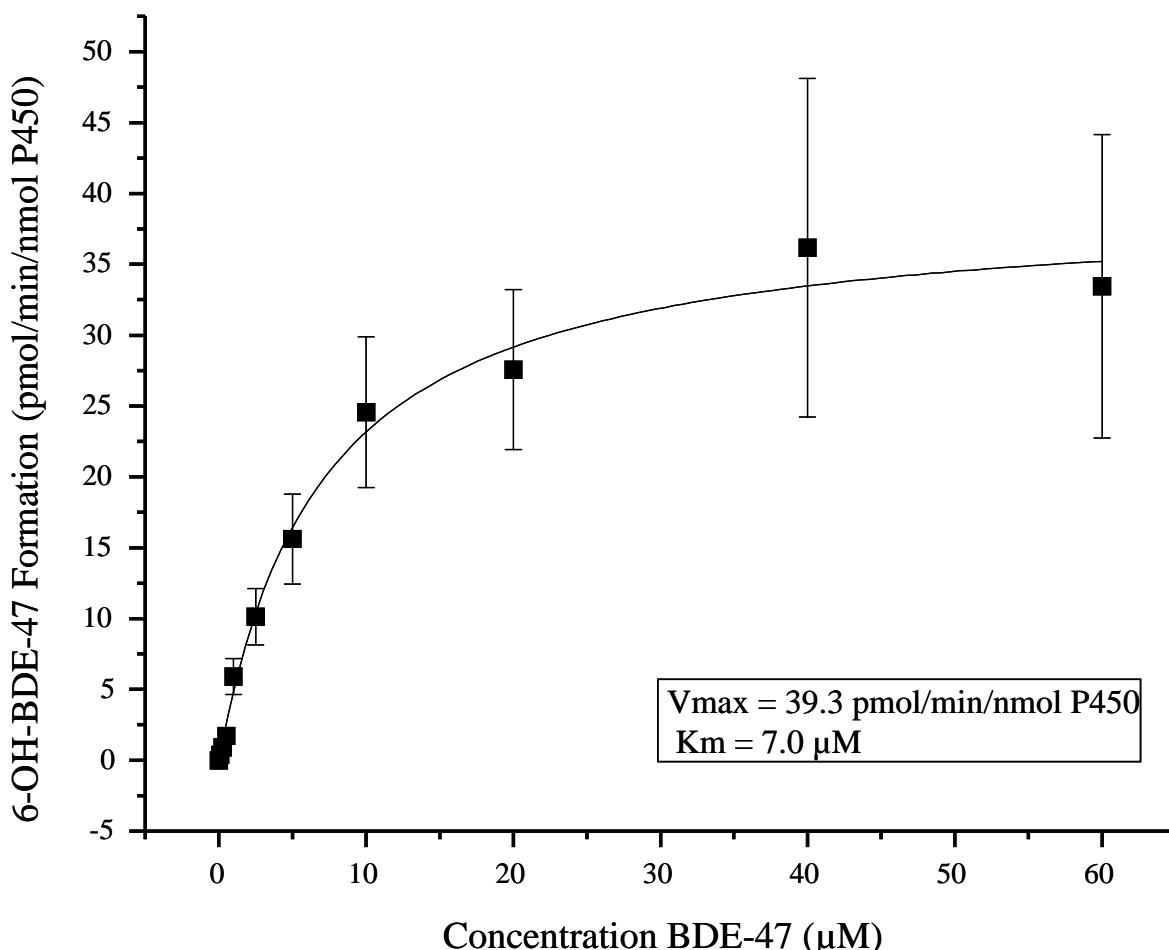
A)



B)



C)



Supplemental Material, Figure S2. Formation of A) 3OH-BDE-47, B) 5-OH-BDE-47 and C) 6-OH-BDE-47 evaluated for over a range of substrate concentrations (0.1 to 60 μM) at an incubation time of 60 min using pooled human liver microsomes.